

# UPPER VERDE RIVER WATERSHED PROTECTION COALITION

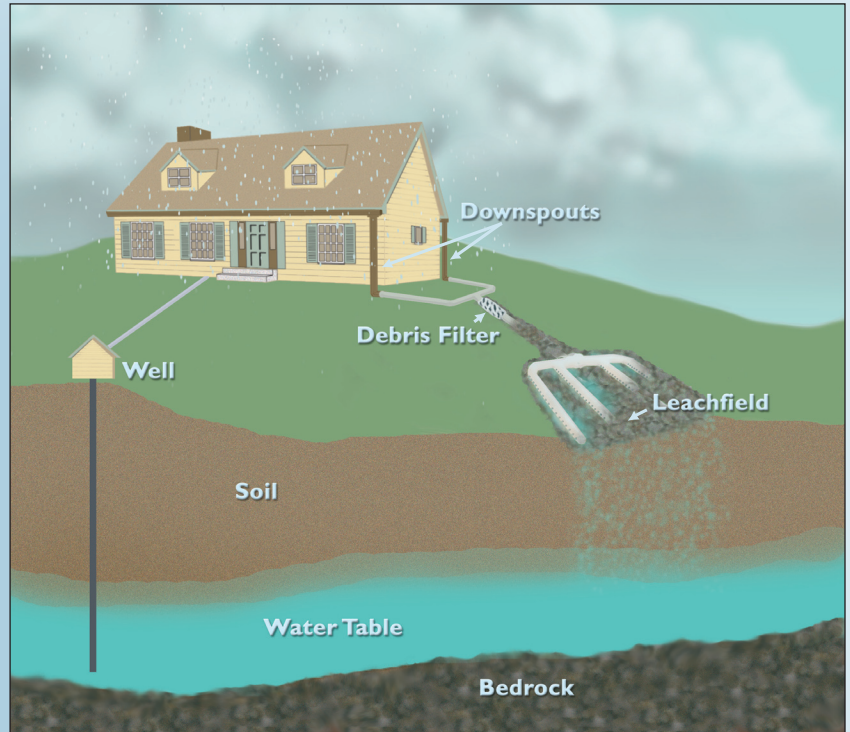
## RAINWATER HARVESTING FOR AQUIFER RECHARGE

### Well Owner's Guide to Rainwater Harvesting

- Capture rainwater
- Recharge the aquifer
- Clean water for your well

#### SYSTEM CHARACTERISTICS

- Rainwater Harvesting and Recharge system that is less expensive and harvests more rainwater than a traditional system
- Less operational knowledge and maintenance than a traditional rainwater harvesting system
- All harvested rainwater returned to the aquifer
- Extends well life
- No mosquitoes and algae growth
- Benefits groundwater supplies
- Potential to replenish 25-40% of water pumped from private wells with rainwater



1,558 gallons captured for every 1" rain (on a 2,500<sup>2</sup> ft roof - about one single family residence)



#### DEMONSTRATION PROJECT

- Partnership between the Coalition, Yavapai County Board of Supervisors, and Prescott Active Management Area Groundwater Users Advisory Council
- System installed June 2018 at Yavapai County owned building in Dewey-Humboldt
- 25,000 gallons recharged between July 2018 and April 2019

Water Smart

[www.yavapaiwatersmart.org](http://www.yavapaiwatersmart.org)

